

ABSTRACT

Systems and/or methods divert a fluid that has reached a preset alarm limit from reaching the point of use. The system may include a valve control unit; and a hydraulic unit operably connected to the valve control unit. The hydraulic unit may have first and second valves and plumbing pieces to connect the first and second valves to each other and the fluid system; the first valve being a normally closed valve that directs water from the fluid system to drain when energized; the second valve is a normally open valve that will turn off flow from the fluid system to the pure water distribution system. The methods may include flowing a fluid through a fluid system which includes a flow control system for preventing a fluid that has reached preset alarm limits from reaching the point of use; sensing when the fluid has reached the preset alarm limits; and signaling the opening of the normally closed valve; and the closing of the normally open valve to divert the fluid from the point of use to a drain.